

DATE: 06/01/1995

MATERIAL SAFETY DATA SHEET (MSDS)

LAST REVISION: 06/23/2001

**1. GENERAL INFORMATION**

FAR WEST OIL CO., INC.  
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SUN VALLEY, CA. 91352  
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PRODUCT NAME:  
PRODUCT TYPE:  
CHEMICAL NAME:  
D.O.T. CLASS:

COOL LUBE 2600  
EMULSIFIABLE OIL  
COMPLEX OIL MIXTURE  
COMPOUND SOAP N.O.S. CLASS 55

N.F.P.A. HAZARD RATING  
FIRE-1  
HEALTH-1  
REACTIVITY-0  
SPECIAL-0

RATINGS  
4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

**2. HAZARDOUS INGREDIENTS PER 29 CFR 1910.1000; CFR 1910.1200**

HAZARDOUS COMPONENT	C.A.S. #	PERCENT	THRESHOLD LIMIT VALUE
PETROLEUM OIL	64741-96-4	50-80	5mg/M3 AS MIST IN AIR

**3. TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT(F):	OVER 600 DEGREES	SPECIFIC GRAVITY(H2O=1):	.953
VAPOR PRESSURE(mmHg):	LESS THAN 1	% VOLATILE BY VOLUME:	LESS THAN 1
VAPOR DENSITY(AIR=1):	GREATER THAN 1	EVAPORATION RATE:	LESS THAN 1
SOLUBILITY IN WATER:	COMPLETE	PH @ 10% DILUTION	9.25
VISCOSITY @ 100 F(SSU):	APPROX 375	PH CONCENTRATE:	N/A
Lbs PER 1 GALLON:	7.94		
APPEARANCE AND ODOR:	DARK BLUE OILY LIQUID WITH LEMON ODOR		

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT(COC):	OVER 300 F
AUTO IGNITION TEMP:	OVER 600 F
FLAMMABLE LIMITS:	NOT DETERMINED
LEL:	NOT DETERMINED
UEL:	NOT DETERMINED
EXTINGUISHING MEDIA:	CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:	DO NOT USE WATER STREAM
UNUSUAL FIRE AND EXPLOSION HAZARDS:	DENSE SMOKE, FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

**5. REACTIVITY DATA**

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
MATERIALS TO AVOID:	STRONG OXIDIZING AGENTS
CONDITIONS TO AVOID:	FIRE OR HIGH HEAT
HAZARDOUS DECOMPOSITION PRODUCTS:	CARBON MONOXIDE, SOOT, SMOKE, OXIDES OF SULFUR, AND OXIDES OF NITROGEN

SOLUBLE OIL 2600

**6. HEALTH HAZARD DATA**

OSHA THRESHOLD LIMIT VALUE: NOT ESTABLISHED

CARCINOGEN-NTP PROGRAM: NOT A KNOWN CARCINOGEN

CARCINOGEN-IARC PROGRAM: NOT A KNOWN CARCINOGEN

SYMPTOMS OF OVER EXPOSURE: FREQUENT OR PROLONGED SKIN MAY DEFAT SKIN RESULTING IN DERMATITIS. EXCESSIVE MIST MAY BE IRRITATING.

MEDICAL CONDITIONS AGGRAVATED BY OVER EXPOSURE: DERMATITIS IN SENSITIVE INDIVIDUALS.

BREATHING DISORDERS MAY BE AGGRAVATED BY HEAVY MISTS IF TLV IS EXCEEDED.

PRIMARY ROUTE(S) OF ENTRY: AS MIST IN AIR FROM HIGH SPEED MACHINING

**EMERGENCY FIRST AID**

EYES: FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN IF IRRITATION PERSISTS

INHALATION: REMOVE TO FRESH AIR UNTIL MISTING DISSIPATES. APPLY ARTIFICIAL RESPIRATION. IF

UNCONSCIOUS CONSULT PHYSICIAN

INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY

SKIN CONTACT: WASH WITH SOAP AND WATER

**7. ENVIRONMENTAL PROTECTION PROCEDURES**

SPILL RESPONSE: RECOVER FREE PRODUCT AND PLACE IN CONTAINER. ADD SAND OR CLAY TO OTHER SPILL AREAS. KEEP FROM SEWER OR WATERWAYS BY DIKING, ALERT PROPER AUTHORITIES IF NECESSARY.

WASTE DISPOSAL METHOD: RECYCLE, OR DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**8. SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: SAFETY GOGGLES, GLASSES OR FACE SHIELD

SKIN PROTECTION: IMPERVIOUS GLOVES IF DESIRED

VENTILATION: TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF TLV IS EXCEEDED USE APPROVED ACGIH RESPIRATOR WITH APPROVED NIOSH CARTRIDGE OR OTHER APPROVED SELF CONTAINING BREATHING APPARATUS

OTHER PROTECTION: IMPERVIOUS FOOTWEAR AND APRON

**9. SPECIAL PRECAUTIONS**

HYGIENIC PRACTICES: WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING. MINIMIZE BREATHING OF MISTS. AVOID PROLONGED AND REPEATED SKIN CONTACT. WASH OR DRY CLEAN CONTAMINATED CLOTHING BEFORE WEARING AGAIN.

STORAGE AND HANDLING PRECAUTIONS: AVOID STORING NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. STORE IN DRY PLACE TO AVOID RAIN CONTAMINATION.

OTHER PRECAUTIONS: EMPTY DRUMS MAY CONTAIN RESIDUE WHICH CAN BE DANGEROUS. DO NOT WELD, CUT, GRIND, DRILL, SOLDER, BRAZE, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, ETC. CONTAINERS MAY EXPLODE AND CAN CAUSE INJURY OR DEATH.

NOTE: WE BELIEVE THE STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED. PURCHASER IS RESPONSIBLE FOR SAFE USAGE OF PRODUCT AND CONTAINER.